



Winston H. Hickox
Secretary for
Environmental
Protection

California Regional Water Quality Control Board

Santa Ana Region

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PA Ret (9/02)



Gray Davis
Governor

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FACSIMILE TRANSMITTAL

DATE: 4/19/02TO: Ronya Zabaneh - DTSCFAX NO: (714) 484-5438FROM: N. Olsen - MartinSENDER'S DIRECT TELEPHONE NUMBER: (909) 782-4497NUMBER OF PAGES, INCLUDING TRANSMITTAL MEMO: (7)SUBJECT: Copy of Closure letter & Summary
for Devco ~~Coatings~~ Coatings, RiversideMESSAGE: Per our conversation this morning

PLEASE CONTACT THE SENDER AT THEIR DIRECT TELEPHONE NUMBER WITH
ANY QUESTIONS.

STATE OF CALIFORNIA—CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

SANTA ANA REGION

3737 MAIN STREET, SUITE 500

RIVERSIDE, CA 92501-3339

PHONE: (909) 782-4130

FAX: (909) 781-6286



June 17, 1997

Mr. Joe Pagan
Plant Manger
Devoe Coatings Company
2625 Durahart Street
Riverside, CA 92507

SUBJECT: NO FURTHER ACTION
DEVOE COATINGS COMPANY
2625 DURAHART STREET
RIVERSIDE, RIVERSIDE COUNTY
UST NO. 083300500

Dear Mr. Pagan:

We have reviewed the report titled "Draft Soil Remediation Closure Report", submitted for the subject site. This report was prepared by your consultant, Parsons Engineering Science, Inc.

Based on that the information provided to this agency was accurate and representative of site conditions, no further action will be required for this site. The history, investigation, and remediation at this site is discussed in the "Case Closure Summary" (copy enclosed).

This notice is issued pursuant to a regulation contained in Title 23, California Code of Regulations, Division 3, Chapter 16, Section 2721(e).

Once the wells have been properly abandoned, we request documentation of these activities (i.e., copies of well abandonment permit, etc.) be submitted to this office. If you have any questions, please call Nancy Olson-Martin or Kenneth R. Williams at (909) 782-4497 or 4496, respectively.

Sincerely,

A handwritten signature in dark ink, appearing to read "Gerard J. Thibeault", is written over the typed name.

for Gerard J. Thibeault
Executive Officer

Enclosure: Case Closure Summary

cc: Parsons Engineering Science, Inc. - Paul Farmanian

NOM/devoe.ltr

CASE CLOSURE SUMMARY

Date: 5/28/97

I. AGENCY INFORMATION

Agency Name: California Regional Water Quality Control Board, Santa Ana Region	Address: 3737 Main Street, Suite 500
City/state/zip: Riverside, CA 92501-3339	Phone: (909) 782-4497 or (909)-782-4130
Staff: Nancy Olson-Martin	Title: Sanitary Engineering Associate

II. CASE INFORMATION

Site Name:	Devoe Marine Coating Company			
Location:	2625 Durahart Street, Riverside, Riverside County			
RB Case #:	083300500			
Local Agency Case #:	N/A			
Responsible Parties:	Address:		Phone Number:	
Devoe Coatings Company	2625 Durahart Street, Riverside		(909) 683-2292	
Tank No. (*See Memo)	Size In Gallons	Contents	Closed In-Place Removed?	Date
*1	2,000	Aliphatic Naptha	Discontinued in 1983. All five USTs were eventually closed in place in accordance w/local agency approval.	1989 - Six tanks were abandoned in place by J.P. Brodine and Co., per the requirements of the Riverside County Environmental Health Department
*2	2,000	N-Butyl Acetate	See Above	1989- See Above
3	2,000	N-Butyl Acetate	See Above	1989- See Above
4	2,000	Aliphatic Naptha	See Above	1989- See Above
5	10,000	N-Butyl Alcohol	See Above	1989- See Above
6	10,000	** Amoco 66-x54l	See Above	1989- See Above

* Tanks 1 and 2 did not pass 1984 pressure tests. These tanks may have leaked when these tanks were in service.

**Amoco Proprietary Solvent.

CASE CLOSURE SUMMARY

Devoe Marine Coating Company, 2625 Durahart Street, Riverside

Page 2

May 28, 1997

UST No. 83300500

RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause & type of release: Tanks - see memo (VII. Additional Comments section)		
Site characterization complete: YES [x] NO []	Date approved by oversight agency: N/A (Regional Board Lead)	
Monitoring Wells installed: YES [X] NO []	Proper screened interval: YES [x] NO []	
Highest GW depth below ground surface: 102.74' bgs	Lowest depth: 126.3' bgs	
Flow Direction: Northwest @ ~ 0.049 ft/ft	Nearest/affected SW name: N/A	
Most sensitive current GW use: MUN	Off-site beneficial use impacts: N/A	
Groundwater Basin: Upper Santa Ana River Basin	Reports(s) filed: California Regional Water Quality Control Board (Yes)	
Report(s) on file? Yes	3737 Main Street, Suit 500, Riverside, CA 92501-3339	

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

MATERIAL	AMOUNT	ACTION TREATMENT OR DISPOSAL W/DESTINATION	DATE
TANK	N/A	Closed in place (see page 1)	1989
PIPING	N/A	See Above	1989
SOIL	26,000 kg	Vapor Extraction System with thermal oxidizer and catalytic oxidation. The VES operated from 9/4/94 to March 1996 (18 months) approximately 26,000 kilograms (kg) of hydrocarbons removed. The system was deactivated per CRWQCB's approval.	September 4, 1994 to March 1996
GROUND-WATER	Total gallons recovered at this site - unknown	Free product recovery via manual bailing (MW-1). Pneumatic Product skimmer pump (MW-1). Operated skimmer from November 29, 1994, to February 6, 1995. Pump was removed since product levels dropped to "trace". Pump was removed and a regular manual bailing program operated from April 1995 to February 1996 (bi-weekly on average). Since February 1996, no free product detected. The system operated a total of 11,413 hours. Groundwater was monitored during a total of nine (9) years.	Initiated on June 20, 1988 November 29, 1994 to February 6, 1995 and April 1995 to February 1996 Groundwater monitoring program: 1988 - 1997

CASE CLOSURE SUMMARY

Devoe Marine Coatings Company, 2625 Durahart Street, Riverside
Page 3

May 28, 1997
UST # 83300500

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS - BEFORE & AFTER CLEANUP					
CONTAMINANT	SOIL (mg/kg)			WATER (µg/l)	
	Soil - Before (Maximum) VES	Confirmation Results- (Maximum) July 17, 1996		Before Remediation Maximum Concentrations)	After Free Product Recovery and Monitoring (Maximum) 4/21/97
Benzene	4181 ppm (B-6 at 10 feet bgs)	ND (or <0.5 ppm)		Free Product	See Memo on Page 5: <3,000 ppb (MW-1 on 7/25/96)
Toluene	3460 ppm (B-3 at 20-30 feet bgs)	166 ppm (CSB-6 at 110 feet bgs)		Free Product	3,300 ppb (MW-1 on 7/25/96)
Ethylbenzene	230 ppm (B-3 at 40-50 feet bgs)	27.8 ppm (CSB- 3 at 75 feet bgs)		Free Product	51,000 (MW-1 on 7/25/96)
Xylenes	11017 ppm (B-1 at 80-85 feet)	688 ppm (CSB-1 at 110')		Free Product	760,000 ppb (MW-1 on 7/25/96)
TPH - gasoline/diesel	*TPH as Gas = 17,400 ppm (189 ppm (B- 6 at 30 feet bgs) TRPH (418.1) = 315 ppm *Lab results indicated this as TRPH/gas(?)	TPH/Diesel = ND ND		Free Product N/A	Note: MW-1 collapsed in 1996 and downgradient well, MW-5, was substituted in this source area. MW-5 and all other wells have been ND for the past several years.
N-Butanol	189 ppm (B-3 at 15-20 feet bgs)	N/A		ND	NA
N-Butylacetate	14600 ppm (B-1 at 10-15 feet bgs)	N/A		ND	N/A

*See Memo on page 4

CASE CLOSURE SUMMARY

Devoe Marine Coatings Company, 2825 Durahart Street, Riverside

Page 4

May 27, 1997

UST # 083300500

IV. CLOSURE

Does completed corrective action protect beneficial uses per the regional board basin plan? YES ☒ NO ☐

Does the corrective action protect public health for current land use? YES ☒ NO ☐

SITE MANAGEMENT REQUIREMENTS

Should corrective action be reviewed if land use changes?

YES ☒ NO ☐

Monitoring or vapor wells decommissioned: YES ☐ NO ☐ N/A ☐ Note: Remaining wells to be abandoned in the near future.

Number decommissioned: See below

MW-1 (This well collapsed and was abandoned in 1996)

MW-2 (1994)

Note: The site has a total of 9 monitoring wells (existing and former), three vapor extraction wells, and three confirmation borings.

VII. ADDITIONAL COMMENTS, DATA, ETC.

The Devoe Coatings facility manufactures industrial maintenance and marine coating materials and has been in operation for over 30 years. The facility is located in an industrial area of Riverside.

Six underground storage tanks (USTs) previously used for solvent storage were taken out of service in 1983, when an above-ground tank farm with secondary containment replaced the UST capacity. Pressure tests conducted on October 23, 1984, revealed that Tanks Nos. 1 and 2 may have leaked when these tanks were in service.

Trace to low level contamination of PCE/TCE and other chlorinated hydrocarbons were detected at this site. PCE/TCE were never used or stored in any manner at this site. It was determined that this contamination was likely from an off-site source(s). This site is located in an industrial area and, therefore, suspected to be a Regional problem.

During the nine-year monitoring program at this site, only BTXE compounds have been detected in well MW-1 and on one occasion (in 1990) in MW-5. The free product at this site was analyzed in January 1989. The results revealed the free product to be made up of primarily xylenes (80,000 - 622,000 ppb), with some benzene, toluene, and ethylbenzene contamination.

MW-1 collapsed in 1996 and downgradient well, MW-5, was substituted in this source area. MW-5 and all other wells have been ND for the past several years. After confirmation results were reviewed, CRWCB staff required one additional monitoring well (MW-8). The groundwater results (four quarters) for this well were all ND.

CASE CLOSURE SUMMARY

Devoe Marine Coating Company, 2625 Durahart Street, Riverside

Page 5

May 28, 1997

UST # 083300500

VII. LOCAL AGENCY/RWQCB REPRESENTATIVE DATA

Nancy Olson-Martin
RWQCB NAME: Nancy Olson-Martin TITLE: San. Eng. Associate
SIGNATURE: DATE: 6/6/97